

# Chemical Week

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Delaney Committee (chemicals in foods)			
reappointed by Congress	Mar. 10	29	
Deodorants—Westinghouse Electric			
Odorant bulb	June 30	26	
<b>Detergents:</b>			
Antiseptic floor cleaner	May 5	30	
Armour & Co. test marketing sudless			
product (NL)	Feb. 24	8	
Cheer now being distributed	Mar. 31	33	
Compounds of detergents may start			
making their own supplies (NL)	Feb. 10	7	

Dishwashing compound (NL)	Feb. 26	6
Dry cleaning soap	Feb. 17	30
Ethanolamines primed for rice	Apr. 21	35
Giant, the new household detergent put out by Armour & Co.	Mar. 3	25
Toy marketed by Procter & Gamble	Mar. 24	19
Lever Brothers building plant near St. Louis	Feb. 10	25
Liquid detergent may be launched by Fels & Co. (NL)	Jan. 20	11
Marketing of liquid products broadens	May 5	30
National Aniline Div. to build synthetic detergent plants	May 5	30
Nonionic detergent released by Gronite Chemical (NL)	Apr. 14	6
Oxylol is being modified; Prosyn to be launched (NL)	Apr. 7	6
Pennsylvania Salt Mfg. developing four new cleaning compounds (NL)	Feb. 10	8
Purex Corp. introducing Trend light detergent (NL)	Feb. 10	8
Quick Foam for household use (NL)	Apr. 14	6
Radioactive synthetic detergent	Jan. 27	43
"Rof" a new household detergent (NL)	Mar. 31	6
Rol is test marketed (NL)	Apr. 7	6
Scan a detergent sold through food chains	Jan. 20	46
Shur-Gloss Mfg. Co. to expand	June 9	29
Smoke exhaust fumes treated with detergent in water	Feb. 24	25
Sodium dichloroacetate	Feb. 10	25
Synthetic detergent and bleach plant	Mar. 10	18
Dewatering bark by "Stacomizer"	Mar. 17	19
Diborane patents released by A.E.C. (NL)	May 12	7
N, N-Dicarboxyethyl benzenesulfonamide	Feb. 10	18
N, N-Dimethyl benzenesulfonamide	Feb. 10	18
Diethyl ether	Jan. 20	30
Dichloroacetaldehyde put out by Westvac	May 12	26
Dieldrin, aldrin production goals	Feb. 24	24
Diethyl acetylacrylate	Jan. 27	27
Dilnoleic acid to be produced on a commercial scale	May 12	26
2,2-Dimethylolpropane	Apr. 20	20
Dirt fall collector	May 12	29
Dishwasher installed in research laboratory to wash laboratory glassware	May 19	14
Disinfectants—Substituted materials are becoming scarce	June 2	29
Dispenser, disc	Feb. 17	24
Distillation column tray of horizontal design	Feb. 17	22
Distillation—Scale collector	Apr. 7	24
Dow Chemical sexsation program (NL)	May 12	7
Dow Chemical Co.—teletype speeds sales service	Mar. 10	30
<b>Drugs:</b>		
Argentine plant to produce insulin, trypan and ACTH	June 2	11
Bacterial enzyme yields new drug	June 30	20
Schenley Laboratories to exchange information with European firms	June 30	12
Drugs—See Containers		
Dryer for plastics and waxes installed in Brazil	Feb. 10	21
Du Pont annual report	Mar. 17	36
Building offices near Newark, Del.	June 16	17
Buying setup	Apr. 14	13
Dust control project at Diamond Alkali plant	June 23	15
<b>Dyes:</b>		
For marking electromagnet cores	May 19	20
Intermediates	Apr. 21	22
Ponisol dyes production to be increased by Du Pont Co.	Apr. 14	17

**E**

<b>Economic Cooperation Administration:</b> Request for aid from five European countries for chemical preparations (NL)	Feb. 3	6
<b>Edible:</b>		
The vital resource	Jan. 27	27
The why of sulphur	June 23	24
What about tariffs?	Mar. 17	35
Electron microscope	Feb. 17	24
Electroplating process uses less nickel	May 19	26
Emeralds made by Chatham Research Laboratory	Apr. 7	15
Builders' Trade Directory, 1960, put out, Sanderson & Abel (tables)	May 26	19
Emulsions—Gold salts improve x-ray plate emulsions	Mar. 3	20
Enamel—Enamel removed from fabricated relets (WN)	Mar. 10	11
Semi gloss enamel	Mar. 24	21
Enthalpy	Apr. 14	27
EPN for corn borers	Feb. 7	27
Ethanol tested to detect methanol	Mar. 17	17
Ethanolamines production	Mar. 21	35
Ethylene as a polyvinyl inhibitor	June 2	21
Ethyl cellulose restricted by NPA order (NL)	Feb. 10	8
Ethyl Corp. to double capacity of ethyl alcohol plant (NL)	Mar. 27	36
Ethylbenzene plant to be built	Apr. 24	36
Ethylene—World's largest units will go up at Port Arthur, Tex. (NL)	Feb. 10	18
Ethylene oxide, bromochloride, put out by Westvac	May 12	26
Ethylene diamine formaldehyde crystals now available	June 23	24
Ethylene oxide research is stepped up	Apr. 14	19
Evaporator, spinning	Apr. 19	19

## E

<b>Economic Cooperation Administration:</b>		
Request for aid from five European		
countries for chemical preparations	Feb. 3	6
<b>Editorials:</b>		
The vital resource	Jan. 27	3
The way of sulphur	June 23	2
What about tariffs	Mar. 17	4
Electronic recorder	Feb. 17	24
Electroplating process uses less nickel	May 19	26
Emerals made by Chatham Research		
Laboratory	Apr. 7	15
Emulsifiers—Trend is sharply up—re-		
port, Sanderson & Abel (table)	May 26	19
Emulsions—Gold salts improve x-ray		
plate emulsions	Mar. 3	20
Enamels—Enamel removed from fabri-		
cated relics (WN)	Mar. 10	11
Semi-gloss enamel	Mar. 24	21
Enzyme reagent	Apr. 14	27
EPN for corn borer	Apr. 7	27
Ethanol tested to detect metals will go	Mar. 17	17
Ethanolamines production	Apr. 21	35
Ethionine is a polio virus inhibitor	June 2	21
Ethyl cellulose restricted by NPA order		
(NL)	Feb. 10	8
Ethyl Corp. to double capacity of		
Houston plant (NL)	Apr. 7	6
Ethylbenzene plant to be built	Mar. 24	36
Ethylene—World's largest units will go		
up at Port Arthur, Tex. (NL)	Feb. 10	8
Ethylene chlorobromide put out by		
Westvac	May 12	26
Ethylene diamine formaldehyde crystals		
now available	June 23	27
Ethyleneimine research is stepped up	May 19	19
Evaporator, spinning	Apr. 14	30

Evaporators and spray driers tested in		
pilot plant	June 16	24
Executive pay in the chemical field		
(table)	May 12	16
<b>Exports:</b>		
American controls on exports hit by		
British official in speech before		
Parliament	May 12	13
Office of International Trade clamps		
down on exports	Apr. 28	12
Restrictions on exports of DDT, ben-		
zene hexachloride and sebacic acid	Mar. 24	6
(NL)		
South Africa changes export regula-		
tions	Apr. 28	14
West Germany regains its prewar		
export level	May 19	17
Eye glass cleaner	Jan. 27	44
<b>F</b>		
<b>Fair Trade:</b>		
"Fair traded" items become "loss		
leaders", R. H. Macy slapped by		
unjunction (NL)	June 23	8
McKesson & Robbins moving to pro-		
tect prices on its drug products (NL)	June 16	8
Price setting up	June 2	27
Price war	June 9	28
<b>Fertilizers:</b>		
Ammonium phosphate plant at		
Kimbrough, B. C.	Jan. 20	12
Brazil imports chemical fertilizer	June 30	16
Control bills under consideration (NL)	Mar. 3	6
Egypt to have chemical fertilizer		
plant at Aswan	May 5	16
Farm co-ops set high sales goal (WN)	Feb. 10	14
Federal fertilizer control law proposed		
(WN)	Feb. 17	15
Fertilizer bills	Mar. 17	30
Fertilizer feed	Mar. 24	30
Florida was a good customer for fer-		
tilizers in 1950	June 2	30
Granulated fertilizers output ex-		
panded by Davison Chemical (NL)	Mar. 17	6
Japanese show increased fertilizer		
production (NL)	Apr. 7	5
Minnesota experiments with radio-		
active phosphate fertilizers (NL)	Mar. 10	9
Naco opens head quarters at Charles-		
ton, S. C.	June 23	15
Pelletized fertilizers	Mar. 17	34
Strict control of fertilizers urged (NL)	Feb. 10	7
Swift & Co. to expand Bartow, Fla.,		
plant	May 5	18
TVA to hold 1949 ammonium nitrate		
price (NL)	Feb. 24	8
Fiber glass as garnishing on camouflage		
nets	May 12	25
<b>Fibers:</b>		
Acrylonitrile and allyl or methacryl		
cyanide composes new fiber by		
Eastman Kodak (NL)	May 5	8
Fibre V to be renamed (NL)	Mar. 24	6
Japanese manufacturers of chemical		
fibers seeking American tie-ups	June 2	16
New synthetic fibers cause cyanide		
expansion	May 12	41
"Stacomizer" separates fibers from		
other components	Mar. 17	19
Synthetic fiber plant at Decatur, Ala.		
(NL)	Feb. 17	8
Wool prices and price competition from		
synthetic fibers (WN)	Jan. 20	15
<b>Filters:</b>		
Filter cloth made of dnyel	May 26	38
Filtering membrane	Jan. 30	37
Portable filter contains colloidal		
carbon	June 2	10
<b>Financial:</b>		
Chemical company operations—First		
quarter earnings, 1951 (table)	June 2	12
Chemical company operations—1950,		
1949, 1948 (table) (WN)	Feb. 17	11
Financing chemical companies (NL)	Jan. 27	33
Financing company with sale of stock		
for wheat, not cash (NL)	Jan. 27	55
Status of the chemical industry	Feb. 17	11
Trend in chemical financing	Apr. 7	14
Firefighting by chemical foam	June 2	12
Fish kept fresh by ice and preservative	Mar. 17	29
Flame proofers for cellulose textiles	June 2	19
Flating agent for lacquer	Jan. 27	27
Floor cleaner	Mar. 24	23
Floor polish sells through food chains	Jan. 20	46
Flow interlock	Apr. 7	23
<b>Fluorine:</b>		
Compounds develop (WN)	Mar. 3	12
Fluoridation of water battle at San		
Francisco and New Jersey (NL)	Apr. 28	5
Fluoridation of water supplies to fight		
tooth decay (NL)	Feb. 3	6
Fluorine-containing alum	Apr. 21	22
Minnesota approves fluoridation of		
drinking water (NL)	Mar. 10	5
San Francisco to vote on fluoridized		
water (NL)	May 19	6
University of Florida's research on		
fluorine from phosphate rock (F)	Jan. 27	27
Fluorocarbon metal seal	June 9	22
Foam for fire fighting polar liquids	June 30	22
<b>Food Chemicals:</b>		
Delaney Committee reconvenes, Fed-		
eral officials defend food and chemi-		
cal industries	Apr. 28	11
FDA tells results of food chemical		
tests	June 30	14
Hearings to be continued	Apr. 7	10

Monsanto Chemical Co.'s enrichment for farina	Apr. 14	18
Too much legislation in the food field (NL)	June 30	7
Food colors	June 2	30
Food control for industry divided between NPA and Dept. of Agriculture (NL)	May 5	7
Food & Drug Administration—Bill offered to curb power (NL)	Mar. 3	5
Staff changes	June 30	15
Food Machinery & Chemical Corp. plans expansion (N)	Feb. 10	31
Forging scale removed by chemical blast	June 16	16

<b>Formaldehyde:</b>		
Borden Co.'s Chemical Div. to make formaldehyde and liquid urea resins (N)	May 26	5
Cottons treated with formaldehyde	Mar. 10	22
Production tied to methanol (table) (WN)	Feb. 10	11

<b>France:</b>		
ECA grant to help produce chemicals more cheaply	May 5	16
Production of pharmaceuticals	Jan. 27	58
To use ECA funds for industrial chemicals	Mar. 17	37
Freight checking by electronics	Mar. 24	25
Fuel oil may be piped from Canada to Pacific Northwest states (NL)	Mar. 31	6
Fuel oil pipelines from Canada allotted steel by Canada for tank farm (N)	May 19	5
Fungal amylose replaces barley malt in grain alcohol production (F)	Feb. 3	19

<b>Fungicides:</b>		
Allyl carbamate as a citrus fungicide	May 12	26
Anti-mildew compound	Feb. 17	29
5 nitro furfuryl methyl ether	May 26	34
Florida to tax	June 30	26
Navy Bureau of Ordnance studies fungus growth	Feb. 3	20
Ottocide, a mildew, fungus and insect preventive (NL)	June 23	8
Pera-cide is a potent bactericide-fungicide	Mar. 10	21
Perchloromethyl mercaptan to be used in fungicide	Feb. 17	20
Quaternary ammonium fungicides	June 30	20
Tobacco blue mold treatment	Feb. 10	25
<b>Furfural:</b> Prepared by continuous process with hydrochloric acid as catalyst	June 12	23
Sugar cane waste to make furfural in West Indies (NL)	May 26	7
Furniture polish "Fride" to be on store shelves (NL)	Jan. 27	8

## G

Gage checks high-vacuum pumps	May 19	26
Gage, non frosting	May 12	30
Gas leak locator	May 12	30
<b>Gasoline:</b>		
Anti-stalling (NL)	Jan. 20	12
Gasoline catalyst (WN)	Feb. 24	12
Solubilizing developed by the Standard Oil Development Co.	May 5	25
General Tire & Rubber Co. forms a chemical division	May 12	15
Gerstic acid threatens supremacy of salicylates	June 2	19
Germany reports on chemical production	Mar. 3	33
Germicides—Ottosept is trade name for chloro xylene	June 9	25
Spanby, a new germicide, is test marketed (F)	Jan. 20	45
Gilsonite mined in Utah (WN)	Jan. 20	20

<b>Glass:</b>		
Bonded fiber glass instead of steel for vehicle license plates (NL)	Jan. 17	6
Bubble cap columns (F)	Jan. 30	36
Corning Glass to start factory in Mexico	June 23	15
Fiber glass to be made by Libbey-Owens Ford Glass Co. (NL)	Mar. 24	6
Fiberglass polyester resin windows	June 2	11
Glass fiber plastics give greater strength (WN)	Mar. 10	10
Glassware makers report shortage of boric acid (NL)	Mar. 10	6
Paper from glass fibers and from mica (WN)	Mar. 31	20
Glass container freeze	Mar. 24	20
Simplified designs during shortage	Apr. 21	30
Glucose 6 phosphate	Apr. 14	27
Glue lawsuit	Mar. 3	26
Glue—Wood adhesive	Mar. 24	24
Glycerine—Shell Chemical starts to ship synthetic glycerine in drums	June 2	37
Substitute in pilot stage (NL)	Mar. 17	5
Glycerol	June 23	29

<b>Glycols:</b>		
2,3 Butylene glycol	Mar. 17	17
Celanese Corp. planning out 1,3-butylene glycol and large scale production of 2,3 butylene glycol	Feb. 3	5
Dominion Tar & Chemical to construct ethylene glycol plant (N)	Feb. 10	33
Graphite, artificial, makers consider effect of DO orders (NL)	Mar. 31	5
New order controls inventories and deliveries (NL)	June 9	5
Graphite electrodes growing scarce (NL)	June 23	7
Great Britain—Vardley & Co. pur chases a factory for graphite	Feb. 10	33
Greece to use Marshall Plan funds to buy rubber and drugs (NL)	Mar. 10	5

Guanazole development linked to hydrazine	Apr. 14	23
Guano found in Nevada (NL)	Feb. 17	8

## H

<b>Hafnium:</b>		
Hafnium (NL)	Mar. 3	5
Produced by Foote Mineral (NL)	Feb. 24	7
Pure hafnium arrives	Mar. 3	19
Hair and skin research by Toni Co.	Feb. 17	39
Harvey Machine's primary aluminum plant at Kalispell, Mont. (NL)	Jan. 27	8
Heat exchanger, corrosion resistant	Jan. 27	8
Heat-resistant finishes	Mar. 24	23
Heater, tubular	May 19	26
Helium—U. S. Bureau of Mines to re-open plants for producing the gas	Apr. 28	14
Hemicellulose extract competes with soap bark	Mar. 31	28
Hemp research on plantation in Costa Rica	June 9	17

<b>Herbicides:</b>		
Carbide & Carbon's Crag herbicide for strawberries (NL)	June 2	6
New weed killer	Apr. 14	23
2,4,5-T herbicide for mesquite control	Apr. 7	25
Texas law forbids powdered herbicides (NL)	June 30	7
Hexachlorophene cologne	May 12	35
Hexachlorophene used in a shampoo	Mar. 10	16
<b>Hormones:</b>		
Natural hormones being extracted from plants by U. S. Dept. of Agriculture (NL)	Mar. 3	6
Steroid—biosynthetic techniques	May 26	33
Steroid hormones symposium in Mexico	Feb. 24	20

House organ for employees started by Celanese Corp. (N)	Jan. 27	56
Hydraulic lubricants	Apr. 14	23
Hydraulic fluid, nonflammable (NL)	June 16	8
Hydrazine—Large scale production should boost development of related substances	Apr. 14	23
Processes for foamed rubber and plastics (WN)	Mar. 17	10
Hydrocarbon oxidation plant in Alberta, B. C. (NL)	Feb. 24	8
Regenerative reforming of hydrocarbons	June 2	23
Hydrochloric acid—Demand now at peak (WN)	Mar. 17	7
Hydroelectric power rates may rise at Niagara Falls (WN)	Feb. 24	13
Hydrogen—Norsk Hydro obtains hydrogen by electrolysis	June 2	23
<b>Hydrogen Peroxide:</b>		
Bottle for hydrogen peroxide	Feb. 17	32
Butadiene Electro-Chemical to expand plant	June 16	17
Hydrogen peroxide by hydrocarbon oxidation (NL)	May 5	8
Unit by Du Pont under construction	Mar. 3	32
Hydrogen sulfide as a source of sulfur	May 19	22
Hydroquinone imports may be banned by India (NL)	Apr. 7	5
Hydrogen tower at Dow's ethylene plant	Apr. 28	31

## I

Ilmenite mining in Florida	May 12	17
Imperial Chemical Industries developing plant at Wilton	Feb. 17	41
Import bill (NL)	Mar. 10	5
Indiana's advance (WN)	Jan. 20	17
Inhibitor to prevent iron pick-up by shellac	Mar. 31	33
<b>Ink:</b>		
Nylon typewriter ribbon with new ink	Feb. 3	25
Polychrome ink	Jan. 27	10
Rotogravure printing boasts demand for roto inks (WN)	Jan. 20	53
Inorganic upturn	Apr. 14	40
Inositol production increases at Staley	June 23	25
Insect repellent quest by USDA	June 23	35

<b>Insecticides:</b>		
Air insect to Iran to curb locusts	Apr. 28	35
Aldrin plant to be built in Baltimore (NL)	Apr. 28	5
Aramite effective against mites	May 19	31
Barr Geo. & Co. expanding in Chicago	May 19	34
California insecticide plant	Apr. 21	31
Canada Extreming Co. will sell, manufacture and benzene hexachloride blend to make cotton insecticide	Mar. 31	33
DDE and benzene hexachloride	Feb. 3	25
Dieldrin, a dry aerosol bomb (NL)	Feb. 3	5
Dry aerosol bomb disperses insects	Feb. 10	23
Elvampiro back in production	Feb. 24	24
Florida to tax	June 30	26
Getzium Products to produce insecticide survey	Feb. 24	24
Hercules Powder Co. withdraws recommendations for use of toxaphene on tobacco crops	June 16	13
Humulol-chloride appraisal	June 16	39
Insect dusts without sulfur	Feb. 24	24
Insecticide in seven or container	Mar. 31	33
Insecticide, a systemic insecticide	June 16	29
Kingsaero insecticide	May 5	29
Knox Out	Jan. 20	50

<b>Kolker Chemical Works builds House ton plant to catch market for insecticides</b>	May 5	26
Lindane insecticides (NL)	May 12	7
Methoxychlor bulletin	May 12	37
Military requirements	Mar. 10	18
Needs for the 1951 year	Mar. 24	24
Nitroparaffin—derived insecticide		
Dilan (NL)	May 12	7
Non-resistant fly strain	Feb. 17	30
Ottocide, a mildew, fungus and insect preventive (NL)	June 23	8
Pennsalt completes plant at Montgomery, Ala.	Feb. 10	25
Pyrethrin synergist	Apr. 7	21
Restrictive laws hold back research (NL)	June 30	7
Scorpion killer	May 26	34
Seed protectant plant	Feb. 24	24
Some raw materials for insecticides are in short supply	June 2	23
Stuffer insecticide-free in N. V. C.	Mar. 17	29
Sulphur new status for pesticides	Apr. 28	34
Systems—Insecticides a plant absorbs into its steam	Feb. 24	21
Tenness insecticide bill	June 16	30
Toxaphene capacity to be boosted (NL)	Feb. 3	6
Tracer insecticides	Mar. 17	17
Trenton's fly packages (NL)	May 12	8
<b>International Minerals &amp; Chemical Corp. may purchase Innis, Spalden &amp; Co. (NL)</b>	June 2	5
Inventors to be helped by Shell Research Laboratories	May 5	15
Iodine in emulsion form	Apr. 14	34
Ion exchange used to separate virus from host fluid	June 9	17
Isoazanes production increases, patents issued for various applications	May 19	15
Isooctyl alcohol expanding (NL)	Feb. 17	7
Isooctyl alcohol made by oxidation of meta-xylene (NL)	May 5	7
Isopropyl alcohol—Canada's tart oil (NL)	Jan. 27	37
In anti-stalling gasoline	Jan. 29	12
Insecticide-mix used as standard for petroleum analysis	Jan. 20	26
Isotope research at U. of Ala.	May 23	34

## J

Japan—Industrial salt shortage (N)	Feb. 10	33
Jet assist for airplane take-off (NL)	May 5	7

## K

Koppers Co. to build ethylbenzene plant	Mar. 24	36
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## L

Labeling tape made by unwinching wax writing surface between two layers of acetate film (F)	Feb. 3	24
<b>Labor:</b>		
Gas, Coke and Chemical Workers creating strike fund (NL)	Jan. 27	57
Publisher Industries six plants on strike	June 30	17
San Jacinto Chemical Corp. turns down unions (N)	Jan. 29	60
Union sued (NL)	Jan. 23	61
U. S. Rubber shows plant workers exhibit of products	Mar. 24	32
Vacationing employees to recognize each other through "Society" sticker	June 30	15
Winthorn Stearns wildcat strike is over (N)	Jan. 27	57
Laboratory lift	Mar. 24	28
Lacquer, heat resistant	June 30	30
Lacquers, silica flattener for	Jan. 27	27
Lead tetraacetate now available	May 25	34
Leak detector	June 30	32
Leak detector shows emission of positive ions by hot platinum	Mar. 17	21
Level control instrument	Mar. 3	23
Lignin—Monsanto planning to make vanillin from lignin (NL)	Apr. 14	6
Lignin progress (WN)	Mar. 24	11
Lim-Syn in plants in Buffalo, Ohio and Michigan	May 26	13
U. S. Line to build new plant (N)	Feb. 10	33
Linds Air Pro Files Tonsaw plant to operate on 48 hour week	Apr. 26	16
Linsco oil extraction	May 21	15
Liqual level controller	May 5	25
Lithium borohydride patents registered by A. E. C. (NL)	May 12	7
Lithium hydroxide capacity insufficient to prove greases for military program (NL)	June 23	7
Lithium hypochlorite household bleach (NL)	Feb. 17	7
Lowell Textile Research Institute Research Foundation unveiled	May 26	34
<b>Lubricants:</b>		
All temperature greases developed by the Army (NL)	May 26	6
Compressible fluids as valve lubricants (NL)	Mar. 10	5
Lubricant additives plant	May 5	29
Some Vacuum develops new testing instrument for lubricants	June 9	17
Texas Co.'s Byron Laboratories tests lubricant additives	Apr. 28	28



Lumber—Two Canadian timber firms  
to merge Apr. 28 14  
Lumber-pulp-paper industry in British  
Columbia undergoing integration  
(WV) Feb. 3 12  
Lye in small cans may be prohibited in  
North Carolina Feb. 3 25

## M

Magnesia—Granular magnesia refrac-  
tory (NL) June 16 7  
Magnesium—Consumption at peak time high (WV) Feb. 24 14  
Electrolytic coating checks corrosion June 15 15  
Government plant at Freeport, Tex.,  
to be taken out of mothballs (NL) Jan. 27 7  
Kaiser Magnesium to operate Per-  
mante Metals (NL) Feb. 17 7  
Sixth government plant to be put  
back in operation Feb. 24 33  
Two government-owned plants to be  
reopened Feb. 3 36  
Magnet, permanent June 2 23  
Maintenance budgeting Jan. 25 35  
Malaria—Aralen antimalarial (NL) Mar. 10 6  
Maleic usage increases Apr. 14 11  
Maleo-primaric acid will be sold on the  
commercial market May 26 33  
Management—American Institute of  
Management finds 25% of chemical  
companies "excellently managed"  
(N) Jan. 20 95  
Manganese—Seveda to have manga-  
nese mill Feb. 24 33  
Manganese dioxide production to be  
jumped by Western Electrochemi-  
cal (NL) Apr. 14 6  
Manpower, Technical:  
Chemical engineers needed Mar. 31 39  
Engineering Manpower Commission  
collecting data on engineer short-  
age (NL) May 5 8  
Engineering societies alarmed over  
pending draft bill (NL) June 2 5  
General Aniline & Film encouraging  
chemistry as a career (NL) June 16 8  
Lack of sufficient technical graduates June 9 9  
Shortage of technical men (NL) Apr. 14 5  
Worsening manpower situation (NL) Apr. 21 10  
Manufacturing Chemists' Assn. meet-  
ing at White Sulphur Springs June 16 11  
Manufacturing Chemists' Assn. meets  
(NL) June 23 7  
Mason Paint Co. sold June 30 26  
Masonry water repellent June 30 38  
Mass spectrometer—National Bureau  
of Standards June 16 20  
Materials Handling:  
American Cyanamid speeds sulphur  
handling with unloading tower and  
boom stacker (N) Jan. 27 55  
Koller Chemical Works build float-  
ation plant to cut market for in-  
secticides May 5 26  
Work simplification by Du Pont saves  
on warehousing May 26 37  
McCarthy Chemical Co.'s plant at  
Winnie, Tex., to be sold (NL) Mar. 31 6  
Melamine—Plastic tanning agents pro-  
duce white leather that will not  
darken May 12 26  
Menhaden oil and meal is important  
industry (WN) Feb. 10 13  
Mercury—Production to be increased  
(NL) Feb. 24 7  
Standard of length now based on arti-  
ficial isotope of mercury Apr. 23 23  
Mercury cleaner May 12 30  
Merit rating for Schenley salesmen Mar. 17 35  
Metal-glass bond of titanium hydride Apr. 28 31  
Metallic ricinoleates now in pilot plant  
at Baker Castor Oil Co. (NL) Feb. 10 8  
Metals—Controls tighten Feb. 24 28  
Rare metals foundation for DeReWalt Jan. 23 14  
Metra—Portable air May 5 25  
Methanol production tied to formalde-  
hyde (table) (WN) Feb. 10 11  
Methanol-formaldehyde-acetaldehyde—  
McCarthy Chemical plant to re-  
open (NL) Jan. 20 11  
Methyl cellulose capsules Apr. 7 26  
Methyl chloride—Increasing demands  
may double output (NL) May 26 5  
2-Methyldecane May 19 20  
Mica paper Mar. 31 20  
Micronizers grinding powder Feb. 24 26  
Mineral ore identified by "contact print  
method" developed in India Mar. 24 16  
Minnesota Mining and Mfg. merger  
with Borden Chemical Co. does not  
go through (N) Jan. 20 61  
Minnesota Mining & Mfg. warehouse  
destroyed by fire May 12 37  
Miticide called Sulphenone Apr. 28 34  
Mixer June 9 22  
Mixer, propeller type, with sixteen  
speeds June 16 24  
Monomer-Polymer, Inc. (WN) Mar. 10 13  
Monsanto Chemical Co.—Adels Sales  
Projects Department (chart) (N) Feb. 30 10  
Buys plant of U. S. Pipe & Foundry  
Co. Apr. 7 17  
Enrichment for farins Apr. 14 18  
Styrene plant to be enlarged Mar. 24 36  
Morgantown Ordnance Works—bids for  
leasing submitted by three com-  
panies June 30 16

To be reactivated Apr. 14 17  
Motors—Slow speed Mar. 17 23  
Mouth wash, antibiotic Jan. 27 45  
Munition Board's stockpile report Feb. 17 39  
Muriatic acid, see Hydrochloric Acid  
Mysan Products Co. receives drug  
charter Apr. 14 34

## N

Napalm plant, completed by Ferro  
Chemical Corp. (NL) May 19 5  
Production (NL) June 30 8  
Naphthalene quaternaries Mar. 31 28  
Naphthene acid to be allocated (NL) Mar. 24 6  
Narcotic—Methadone, a synthetic nar-  
cotic June 2 20  
National Distillers Chemical Corp. to  
produce sodium peroxide May 5 12  
National Production Authority:  
Chemical controls (N) Feb. 10 34  
Chemical Division gets a new boss May 12 16  
Chemical Division mostly staffed by  
the industry (NL) Feb. 17 8  
Chemical industry assessing effect of  
Controlled Materials Plan (N) Apr. 21 9  
Establishes rules for industry (N) Feb. 3 33  
W. H. Harrison to head Defense Pro-  
duction Administration (N) Jan. 20 58  
List of chemicals under allocation is  
lengthening (NL) Apr. 14 5  
Master order M-32 issued to govern  
chemicals (NL) Feb. 10 8  
MRO leaks plugged Apr. 14 12  
New agricultural chemicals section in  
the Chemical Division June 16 7  
T. S. Nichols appointed assistant Apr. 21 10  
Thomas Nichols feels that executives  
should serve a short time in Wash-  
ington June 30 13  
Only new companies required to make  
quarterly reports of maintenance  
supplies (NL) May 12 8  
Recruiting key people from chemical  
companies (N) Feb. 10 20  
Regulation 4 order is tightened (NL) Apr. 21 10  
Reorganization completed to gear it  
for CMP May 26 13  
Surveying the chemical industry (NL) Apr. 28 5  
Natural Gas:  
Cabot Carbon buys interest in four  
wells June 16 17  
Canada to export (WN) Feb. 24 12  
Rights reserved for petroleum on  
Canadian land do not include natu-  
ral gas June 16 15  
Texas gas in cylinders for laboratories June 23 29  
Texas passes gas tax (NL) June 9 5  
To be exported from Alberta to  
Montana (NL) Feb. 17 8  
Naval stores—Florida advocates tax on  
naval stores and on phosphates (NL) May 26 5  
Producers seek OPS aid May 19 30  
Neoprene dried in the air Apr. 21 21  
Nickel price rollback Jan. 20 37  
Nickel sulphate production underway  
in Austria Feb. 24 33  
Nitric acid—Spencer Chemical Mar. 17 43  
Nitrogen:  
Greece to construct nitrogen plant June 9 13  
Iceland to produce nitrogenous fer-  
tilizers (NL) Feb. 3 6  
Liquid nitrogen stored in steel sphere Mar. 24 28  
Thermal fixation of nitrogen will get  
plant scale try June 9 6  
Thermal nitrogen fixation process to  
move out of pilot-plant stage (NL) Feb. 3 5  
Northwoods Mfg. Chemicals, Inc. formed  
by business and professional men  
(N) Jan. 27 46  
Norwich Pharmaceutical financing June 30 26  
Novadel-Agene Corp. purchases W. C.  
Hardesty Co.'s stock (NL) June 2 5  
Nozzle, no-drip June 10 12  
Nuclear reactor may be built by indus-  
trial groups Feb. 17 38  
Nuclear studies at Oak Ridge (WN) Mar. 17 9  
Nylon:  
Canadian Industries, Ltd., may make  
nylon salt (NL) June 16 8  
Chemstrand Corp. to build plant at  
Pensacola, Fla. (NL) June 16 8  
Chemstrand to make nylon Apr. 21 18  
New nylon plant in Florida June 16 17  
Produced with different chemicals (NL) June 23 15  
Production capacity of nylon at  
Chemstrand Corp. and Du Pont Apr. 21 19  
Vibronal is nylon hosiery finish June 16 30

CPR 22: prices via costs Samuel  
Nakaian June 23 17  
Regulation 7 to supplement CPR22  
gives special consideration to chemi-  
cal industry (NL) June 30 8  
Repercussions of the price rollback  
(NL) May 19 5  
Office of Technical Service—attempts to  
become permanent division of Dept.  
of Commerce opposed by industry  
(NL) June 2 6  
Western Europe to receive technical  
information Apr. 21 16  
Oil shale deposits in Northwestern  
Colorado (NL) Mar. 24 6  
Oils—Cutting oils revamped to cope  
with tougher metals May 19 31  
Oregon Forest Products Laboratory—  
Legislation on patents Apr. 21 16  
Organic chemicals production up June 23 44  
Ornithine hydrochloride Apr. 14 27  
Oxygen—Linde-Fraenkli cycle for pro-  
duction of liquid oxygen June 23 33  
Shipments in tank cars May 12 15  
Ozonator for laboratories June 2 23  
Ozone—From perchloric acid May 26 34  
Safe, concentrated liquid ozone from  
laboratories—Armstrong Research  
Foundation May 5 21

## P

Packaging:  
Popcorn packaging (F) Jan. 20 41  
Popcorn-packed material makes first  
shipment (NL) Jan. 20 11  
Shillage holds back increased pro-  
duction May 5 11  
Treatment of packaging materials  
with volatile corrosion inhibitors June 30 24  
Painted lines on trucks make visitors at  
Cutter Laboratories Mar. 17 43  
Paints:  
General Motors research on dulling of  
paint finish with age June 30 19  
High temperature paint vehicles Apr. 21 22  
Knowledge of the government's re-  
quirements needed (NL) June 30 7  
Los Angeles paint plant Mar. 17 29  
New federal specifications issued Jan. 20 50  
New primer R-10-X May 19 33  
North Carolina paint law may be  
troublesome (NL) Apr. 7 6  
Paints to withstand high temperatures Mar. 31 33  
Primer for metals called Ferritite June 23 38  
Seiditz Paint & Varnish increasing  
production June 2 30  
Sherwin-Williams publishes Style  
Guide for dealer aid (WN) Jan. 27 12  
Streamlined plant makes paints May 26 39  
Pittsburgh Plate Glass Co. (NL) Jan. 27 8  
Water emulsion paint "Spred Satin"  
(NL) Apr. 7 26  
Pakistan purchases two prefabricated  
chemical plants (N) Jan. 27 55  
Paper:  
Paperprint manufacturers complain of  
chemical shortages (NL) Mar. 10 6  
British Columbia's timber pulp-pap-  
er industry undergoing integration  
(WN) Feb. 3 12  
Canada to have new pulp mill June 23 15  
Canadian paper company to bring in  
pulp slurry by pipeline Feb. 10 7  
Crown-Zellerbach building miniature  
paper mill Apr. 14 31  
Houston Oil Co. wants to make paper  
in Texas (NL) June 16 7  
International Paper Co. to expand Apr. 17 17  
Liquid defoamer May 12 37  
Paper coating with new latex binder Mar. 31 30  
Paper from glass fibers and from mica  
(WN) Mar. 31 20  
Paper and pulp expansions (NL) Jan. 27 8  
Potato paper (WN) Feb. 24 16  
Scrub oak pulp June 16 17  
Wood pulp price ceilings changed (NL) Apr. 14 6  
Para-chlorobenzaldehyde to be pro-  
duced by Heyden May 12 18  
Parkinson's disease checked by new drug Feb. 3 16  
Patents:  
Coverage to be reexamined by patent  
attorneys (WN) Feb. 24 13  
Decision provides better patent pro-  
tection for chemical inventors May 5 16  
Inventors and their attorneys recast-  
ing the wording of claims in their  
inventions June 9 10  
Recent decision of U. S. Patent Of-  
fice's Board of Appeals involving  
isomers (WN) Mar. 31 25  
Revision of the patent laws May 26 10  
Penicillin:  
Austria expands its plant June 23 15  
Brazil to have laboratory for produc-  
ing the drug May 26 16  
Bristol Laboratories will add to its  
plant (NL) May 19 5  
New penicillin May 12 26  
Penicillin plant sent to China falls  
into Red Chinese hands (NL) Mar. 24 6  
Synthesis advances scale from for-  
giveness Pennsalt SR 4 removes scale from for-  
gings June 16 16  
Pensions at Monsanto Chemical June 30 16  
Pentacetyritol production higher May 3 35  
Pentosan utilized from corn cobs Apr. 28 13

Peppermint—Portable plant for steam extraction of the oil (NL)	Feb. 10 33
Peracetic acid is a potent bactericide, fungicide	Mar. 10 21
Perchloromethyl mercaptan to be used in fungicide	Feb. 17 20
Pelite for packing	Apr. 7 28
<b>Petrochemicals:</b>	
American Petrochemical Corp. may erect plant at Lake Charles, La. (NL)	June 2 6
Cities Service Co. and Firestone Tire & Rubber Co. form American Petrochemical Corp.	June 9 11
Plant construction for production of chemicals from petroleum is booming (WN)	Mar. 10 7
<b>Petroleum:</b>	
Ammonium sulfate produced by petroleum refinery (WN)	Mar. 31 26
Bacteria may rejuvenate exhausted oil fields	June 30 19
Canadian oil companies increasing their plants (NL)	Feb. 10 7
"Cracker" catalysts (WN)	Jan. 27 16
Cracks in steel sheet of reactor due to graphitization	June 9 22
Gulf Oil building research center near Pittsburgh, Pa.	June 9 14
Liquified petroleum gas conservation measure (NL)	Mar. 31 5
Microspherical petroleum cracking catalyst (NL)	Jan. 20 11
More basic refining needed	May 26 10
Most petroleum products removed from general regulation and placed under new order (NL)	Apr. 14 6
National Petroleum Council's Committee on Capital and Material Requirements lays down rules to increase petroleum	Feb. 24 32
National Petroleum Council studying oil production in case of war	Feb. 17 39
PAI predicts less reduction of petroleum and quantity of petroleum in case of war (NL)	Mar. 3 6
Petroleum benzene production units (WN)	Mar. 24 13
Petroleum xylene (WN)	Mar. 31 17
Small spheres make better catalyst	Apr. 21 26
Standard Oil's Sugar Creek refinery to expand	May 26 16
Tidelands dispute on ownership	Apr. 7 12
Vacuum flasher at Standard Oil Co. of California	June 9 22
Petroleum Administration for Defense and NPA agree on split jurisdiction of Defense Production Act (NL)	Feb. 10 30
pH measurement—Oxyphen, a new testing paper	Jan. 27 30
pH meter, pocket	Apr. 14 31
<b>Pharmaceuticals:</b>	
Adsorbent resin for ulcers (NL)	Mar. 17 6
Anal Chemical Co. to manufacture fine chemicals and pharmaceuticals (NL)	May 26 5
Antihistamine drugs	Mar. 31 7
Armour & Co. to open new plant in Buenos Aires	May 26 16
Armour Laboratories' new eleven-building drug plant	Feb. 24 24
Arner Co. opening new laboratories at Buffalo and Fort Erie	Mar. 3 26
Catalogs to be standard for rare organic chemicals handled by R.S.A. Corp. (WN)	Feb. 17 13
Drug situation in Latvia	June 9 17
European drugs again	May 19 40
Filling laboratory for injectable drug products to be built by Wyeth	May 5 30
Greece issues new import program	Apr. 7 17
Imitation flavors for drugs	Mar. 24 24
Memphis drug plant	Mar. 17 31
Pakistan has new pharmaceutical factory	May 5 16
Sharp & Dohme goes into production at new synthetic chemical plant	May 12 37
Steroid conversion	May 26 34
Vitamin capsules by the million	Mar. 10 14
<b>Phenol:</b>	
New process, higher output, costlier	June 23 11
Phenol and acetone from cumene (NL)	Mar. 31 5
Production and requirements (NL)	May 26 6
Two firms to install new processes based on cumene (NL)	June 9 5
Phenyl carbethoxy pyrazolone	June 9 11
Phillips Petroleum expands	Mar. 31 42
Phipps Products—subcontract work (NL)	Feb. 24 7
Phosphor substitutes for magnesium tungstate	May 26 34
Phosphates—Florida advocates tax on phosphates and on naval stores (NL)	May 26 5
International Minerals & Chemicals to construct new plant	Apr. 14 17
Phosphates—Organic to be produced by Virginia Carolina Chemical (NL)	Feb. 10 8
Two new additions to group of alkyl phosphites	Mar. 3 20
Phosphonates	Jan. 20 28
<b>Phosphorus:</b>	
The industry moves West	May 19 11
Monsanto Chemical's phosphorus furnace (P)	Jan. 20 34
Monsanto Chemical to construct furnace at Soda Springs, Ida. (NL)	June 23 7
Victor Chemical plants expansion (NL)	Apr. 7 5
Westaco to construct fourth furnace (NL)	Apr. 14 6

Photographic hypo does twice the work three times as fast (WN)	Feb. 3 12
Phthalate ester production by Kay-Fries	June 23 15
<b>Phthalic Anhydride:</b>	
Demand causes Barrett to expand (NL)	Jan. 20 61
Demand exceeds production (chart)	Mar. 3 9
Shortage may require rearrangement of orders (NL)	June 23 8
Pilot plants	Mar. 31 35
Pipe threading compound	Apr. 7 27
Piperonyl butoxide made in England (NL)	Jan. 20 12
Piping top priority to go to oil drillers (NL)	Mar. 10 6
Pliofilm shortage (NL)	Feb. 17 7
Plasticizers—Carbamate plasticizers patented by Pittsburgh Plate Glass Co.	June 30 20
New rubber plasticizer	Feb. 17 21
<b>Plastics:</b>	
Anti-static agent	May 5 29
British plastic industry alarmed over raw material shortages (NL)	Feb. 3 36
Burlap may be replaced by plastics for military use	May 12 25
Custom molders claim that CPR 22 is unworkable (NL)	June 30 7
Filoplasts and packings	Apr. 14 29
France is feeling the raw material pinch (NL)	Feb. 3 36
Glass fiber plastics given greater strength (WN)	Mar. 10 10
India producing molding powders for plastics	Mar. 3 33
M.I.T. reports new method of testing changes by curing thermosetting resins	June 2 20
Phosphorescent plastics	Apr. 14 25
Phosphorescent plastic used for radioactive detection	Feb. 24 19
Pilot plant fabricated of plastic	Feb. 10 21
Plastic metal coating	Mar. 24 23
Raw materials curb resin output (chart)	Apr. 7 31
U. S. Navy doing plastic research at White Oak, Md.	May 5 13
Plating developed in research laboratory brings good price (NL)	May 26 5
Platinum from wood waste (WN)	Feb. 3 8
Poison ivy remedy put out by Titanium Alloys	June 23 8
Poison ivy treatment contains zirconium T.M. (F)	Jan. 27 43
Poland—Chemical industry ministry to be established (NL)	Feb. 10 32
<b>Polishes:</b>	
Drew works for national distribution of Gleen (NL)	May 19 6
Goodenow-Morley Co. built on all-cotton polish	June 9 26
Kiwi Polish Pty. in Canada	June 23 38
New silicone car polish	June 23 47
Polycobols production (table)	Feb. 24 16
<b>Polyethylene:</b>	
Canadian Industries, Ltd., may soon make polyethylene (NL)	June 16 8
Chemical will be under allocation	June 16 8
New British plant producing polyethylene	May 19 6
"Squeeze" bottle for the laboratory	June 9 13
Polystyrene-stearic acid analysis	Apr. 7 23
Polyfluorochloroethylene tubing	Apr. 28 31
Polyvinyl chloride exhibit for plant workers	Mar. 24 32
Production to be increased by Australia	June 30 16
Polyvinyl pyrrolidone (WN)	Jan. 20 17
Porcelain peeled from fabricated rejects (NL)	Mar. 10 11
Potash—Bata Petroleum	Mar. 17 43
Producers watching television industry for orders (NL)	Jan. 20 12
Potassium nitrate—Chile produces the crystals by solar evaporation	May 19 16
Potassium persulfate—Buffalo Electro-Chemical to expand plant	June 16 17
Powdered metals to be boosted by Glidden Co. (NL)	June 30 8
Power factor meter which hooks on	June 9 22
Power factor visualizer	June 9 22
Pratt Institute Research	May 5 22
Preservative added to ice to keep fish fresh	Mar. 17 29
Presure transmitter	May 5 25
<b>Prices:</b>	
Ceilings scored	May 12 17
Drug and cosmetic makers ask for trademark map type of regulation (NL)	May 19 5
Edict CPR 22 balks expansion	May 5 14
Price control of chemicals will run into puzzlers (NL)	Feb. 3 5
Price war	June 9 28
Price war in New York City spreading over the country (NL)	June 16 8
Reckitt's price legislation causes loss to Armour on food lines, profit on chemicals (NL)	June 30 7
Stabilization orders	Mar. 3 31
Supreme Court decision	June 2 27
Primaquine, an antimalarial (NL)	Apr. 28 6
Profit-sharing plans of Procter & Gamble and Minnesota Mining & Mfg. Co.	May 26 12
Promethium	Apr. 21 22
Propane barge	Jan. 27 39
Public Health Service working on water basin reports	Mar. 3 31

Public relations—Cutter Laboratories shows how "tagged" payroll payoff	June 2 13
<b>Pulp:</b>	
Brown Co. to construct lagoon to hold sulfate liquor	June 9 13
Louisiana State University produces paper from sugar cane bagasse	June 9 17
Sulfite liquor burner tested	May 12 30
Sulfite liquor wastes used as road builder in Wisconsin	June 9 10
Sawdon's new export levy (NL)	Jan. 27 8
Triethylene glycol process to produce wood pulp	May 5 23
Pulverizer, impact type	Feb. 24 25
<b>Pumps:</b>	
Eccentric piston pump	Mar. 10 24
Electric strain type torque meters measure pump power	Mar. 10 23
Hand pumps	May 5 25
Karbate pumps	Jan. 20 37
Vacuum pump	May 12 30
Purchasing association head claims now chemical buyers must sell	Apr. 14 13
Pyrethrin synergist	Apr. 7 21
Pyridine process	June 30 20
Pyrites—Fluo-Solids system produces cheaper sulfur dioxide	Apr. 7 22
Pyrometer with high accuracy	Feb. 3 20
<b>Q</b>	
Quilon (WN)	Mar. 24 12
<b>R</b>	
Radiation meter	Jan. 27 36
Radiation survey meter	June 30 32
Radioactive detection by phosphorescent plastic	Feb. 24 19
Radiographic survey by Mass. Dept. of Public Health, Labor & Industries	Apr. 21 15
Raze water exchanger	Feb. 10 18
Rayon—Columbia Cellulose modern cellulosic	June 30 21
Infuse plant	Mar. 31 41
Rayonier, Inc., makes shift in emphasis to the operating side (NL)	Feb. 3 32
Reactor, Chicago (WN)	Feb. 24 11
Reagents, organic analytical, made by small California firm	Feb. 10 17
Recorder, chart	Mar. 17 23
Red lead consumption rises (WN)	Jan. 27 14
Refractories, basic, may replace acidic refractories for lining cupola furnaces (WN)	Mar. 10 10
Regenerative reforming of hydrocarbons	June 2 23
<b>Research:</b>	
Du Pont's Experimental Station	May 12 21
Du Pont's Experimental Station engineers have their pictures in the lobby (NL)	May 19 6
Research institutes report big year	June 23 13
U. S. Army's Paint & Chemical Laboratory at Aberdeen, Md.	June 9 18
Research Corp. to finance grants	June 23 27
<b>Resins:</b>	
Cationic wet strength resin for paper pulp (NL)	May 5 7
Fiberglass polyester resin laminates for windows	June 2 11
Firestone to increase resin production at Pottstown, Pa.	June 23 15
Kolorcol colored resins (F)	Jan. 20 25
Non-solvent, high-melting resin dispersion	June 23 38
Paraplex G-60 resin	May 26 34
Plaskon alkylid 422 is a flame-resistant resin	June 2 20
Polyvinyl chloride resin remaining flexible at -100F	Feb. 17 20
Raw materials curb resin output (chart)	Apr. 7 31
Resorcinol—Capacity doubled at Hayden plant	May 19 15
Production increased (NL)	June 16 43
Rodenticide—Warfarin, the new rat poison	Mar. 17 33
Warfarin to be shipped in cartons containing 12 one-lb packages	Apr. 28 35
Rot research (F)	Feb. 3 15
R.S.A. Corp.—custom synthesis of small lot, rare organic chemicals (WN)	Feb. 17 13
<b>Rubber:</b>	
Brazil's rubber program	Mar. 31 42
Butadiene acrylonitrile synthetic rubber is found to eight times its volume (WN)	Mar. 3 13
Butadiene plant at Kobuta destroyed by fire	Apr. 7 10
Butadiene yield improved from n-butylene	June 9 21
Cold rubber production to be upped by Goodrich (NL)	Mar. 10 5
France studying production of synthetic rubber as a possibility	Apr. 28 14
General Tire plans new plant in Canada (NL)	Feb. 10 7
Goodyear Synthetic Rubber Corp. expanding production (NL)	Feb. 24 8
Hydrazine foam for rubber	Mar. 10 22
Lignin-rubber	Mar. 10 22
Natural Rubber Bureau to experiment with rubber roads (NL)	Mar. 24 6

Natural rubber price to be lowered for the government (NL).....	June 9	5
NPA revises rubber uses.....	Mar. 17	40
NPA reviews M-2 order on synthetic and natural rubber.....	Feb. 17	40
New method to improve bonding of rubber with metal.....	Feb. 10	17
Paper coating with new latex binder.....	Mar. 31	30
Sarnia, Can., expanding styrene and rubber plants (NL).....	Feb. 10	7
Sharples Chemicals' new service lab adds asbestos.....	Mar. 17	14
Silene plant to be opened by Pittsburgh Plate Glass (NL).....	June 23	7
Sponge rubber blowing agent.....	June 9	17
Synthetic rubber gasketing material.....	May 5	25
Synthetic rubber GR-S's being put in production by RFC (NL).....	Mar. 3	5
Synthetic rubber made with acrylonitrile at a profit? (NL).....	Feb. 3	10
Synthetic rubber plant at Institute, W. Va., reactivated by Goodrich (NL).....	Jan. 27	55
Synthetic rubber production less than anticipated (NL).....	Feb. 10	7
Thakol Corp. to build plant at Moss Point, Miss., for chemicals used in synthetic rubber (NL).....	June 23	7
U. S. Rubber's experimental rubber plantation.....	Feb. 17	18
Rust inhibitor (NL).....	Mar. 24	5
Rust-Oleum addition.....	Apr. 7	27
Rust preventive for boilers.....	June 2	30

## S

Safety—Monsanto safety hits new high. Salesmen for Sclerity Industries helped by merit plan.....	Mar. 17	35
Salicylamide—New headache aid.....	Apr. 14	27
Saponin offered in a crude grade.....	May 12	26
Salt: Brine or rock salt delivered to plant by truck.....	Mar. 31	41
Matheson Alabama Chemical Corp. studies deeper.....	Jan. 20	12
Test drilling for salt near Cleveland, Ohio (NL).....	Mar. 17	32
Texas considers tax on salt.....	Feb. 24	32
Saran expansion operating by Loda.....	Apr. 28	14
Scintillation counters.....	Feb. 24	19
Scott Paper Co.—General Operating Manager reports to employees the company's progress.....	Mar. 10	29
Scouring powder (F).....	Jan. 20	45
Scouring powder—Flammable abrasive now in Old Dutch Cleaner.....	Mar. 24	20
Scrap inventories low (NL).....	June 23	8
Screen, tandem-mounted.....	Apr. 28	31
Seabarin structure.....	Mar. 10	18
Seal, mechanical, of effluent.....	May 12	30
Sealing compound for joints.....	June 2	30
Security check form questionnaire (NL).....	Feb. 10	31
Shampoos: Cream deodorant shampoo.....	Mar. 10	18
Hexachlorophene used in a shampoo.....	Mar. 10	16
Loss of hair through shampoo not compensated by court.....	Feb. 24	24
Lotion shampoo called White Rain.....	June 9	29
Sing, a new shampoo.....	May 12	36
Shawinigan Chemicals evaluating cost data on making methyl alcohol from cumene (NL).....	Mar. 31	5
Shawinigan Chemicals Ltd. and British American Oil Co. to join (NL).....	Mar. 3	5
Shell Oil starts operating new gasoline plant at Provident City, Tex. (NL).....	Jan. 20	61
Ship outfitted as epidemic control laboratory.....	Mar. 31	28
Shipping—One man traffic dividend for Publisher Industries.....	June 23	12
Shipping freight and tank cars need steel (NL).....	June 23	8
Shoe chemicals expected to be scarce.....	Feb. 17	39
Shoe polish plant.....	Apr. 28	35
Sifter, gyratory.....	Mar. 17	23
Silica—GS silica a proposed thickening agent for greases (NL).....	May 12	8
Silica gel at San Bernardino, Calif. plant.....	June 30	22
Silica gel catalysts.....	Apr. 28	39
Silicate powder, aluminum magnesium.....	Feb. 24	19
Silicones: Bonding of silicone rubber to almost any surface.....	June 30	23
Dow Corning to install silicon metal plant at Midland, Mich. (NL).....	June 30	8
Enamel with silicone base (WN).....	Jan. 20	18
Furniture polish with silicones added.....	Feb. 10	25
Feb. 10 25; Mar. 10 16; May 5 29.....		
Lens cleaner.....	Jan. 27	44
New silicone car polish.....	June 23	37
Output to be increased.....	Apr. 7	6
Speco, Inc., purchases assets of Silicone Products of America.....	June 9	29
Water repellent contains silicone.....	Feb. 10	24
Water repellent for exterior masonry has silicone base.....	June 23	38
Silver monofluoride.....	Apr. 7	20
Sinclair Research Laboratories formed.....	Apr. 28	14
Sinclair Refining Co.—refinery expansion.....	Apr. 14	17
Small business gets selling information.....	May 19	13
Smaller chemical firms may get more Government business (NL).....	Apr. 21	9
Smoke exhaust fumes treated with detergent in water.....	Feb. 24	25
Soap: Carolina Soap Co. begins operations.....	June 30	26
Germicidal soaps.....	Jan. 20	50

Kansas City now a soap center.....	Apr. 21	30
Mint in liquid soap.....	Mar. 10	18
National Products Corp. to buy and sell soap and cleaning fluids.....	June 30	26
Soap products to be sold in Florida.....	June 30	26
M. Werk Co., 119-year-old Cincinnati soap firm going out of business.....	May 12	16
Soda Ash: Feed Machinery & Chemical plans to purify soda ash from Wyoming mine (NL).....	Feb. 3	5
Freeport, Tex., plant (NL).....	Jan. 20	12
NPA decides current capacity ample (NL).....	June 9	5
Prices to increase (NL).....	Feb. 24	8
Solvay to build soda ash plant at Baton Rouge (NL).....	Jan. 27	7
Westvaco Chemical to expand production.....	Apr. 7	17
Sodium amonite, thiosulfate-hypo produced by Helco (WN).....	Feb. 3	12
Sodium cyanide pinch eases.....	June 30	34
Sodium dicyandiamide.....	Jan. 20	30
Sodium nitrate to treat heart disease.....	Mar. 3	20
Sodium monofluorophosphate.....	Mar. 31	27
Sodium peroxide—National Distillers Chemical Corp. to produce sodium peroxide.....	May 5	12
Sodium silicate production.....	Apr. 28	39
Sodium trichlorophenate for slime control.....	Mar. 24	21
Solvents: Austria starts producing L54, low-boiling solvent.....	June 30	20
Cleaner for diesels and electric motors.....	June 30	25
Solulene, a solvent.....	June 2	20
Westvaco puts out three new solvents.....	May 12	26
Soviet chemical industry has far to go.....	Apr. 21	13
Speck grain measurement.....	Apr. 21	15
Speaking in public—training series by National Safety Council.....	Mar. 24	36
Spec gravimetric measurement.....	Apr. 7	23
Spectrometer supplies metal analysis.....	Apr. 7	23
Sphere of steel used to store liquid nitrogen.....	Mar. 24	28
Stain remover.....	June 23	29
Stanley Home Products open center in St. Louis.....	Apr. 14	34
Starch—Liquid laundry.....	Feb. 17	28
Stauffer Chemical Inc. adds additional equipment at Niagara Falls chlorine plant (NL).....	Jan. 20	61
Stearic acid in powder form.....	Apr. 14	27
Steril structure.....	Mar. 17	17
Stirrer, umbrella.....	Mar. 10	24
Storage battery manufacturers replacing antimony with calcium (WN).....	Feb. 10	15
Styrene—Supplies to be expanded by Monsanto at Texas plant (NL).....	Feb. 10	7
Vinyltoluene can substitute for styrene (NL).....	June 16	7
Sudbury Laboratories expands line.....	June 23	14
Sugar cane waste to make furfural in West Indies (NL).....	May 12	7
Sulfate liquor burner tested.....	May 12	30
Sulfate liquor wastes used as road binder in Wisconsin.....	June 9	10
Sulfonol hydrates, foaming agent for rubber and plastics.....	Mar. 10	22
Sulfur: Brazil's need of sulfur.....	Mar. 24	37
Brazil to study extraction of sulfur from pyrites.....	June 23	15
Canada issues second prospecting permit.....	May 26	16
England allocates distribution of sulfur and sulfuric acid.....	May 19	16
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